

Title (en)  
LIQUID INJECTION APPARATUS AND COMPRESSOR ASSEMBLY HAVING THE SAME

Title (de)  
FLÜSSIGKEITSEINSPRITZVORRICHTUNG UND KOMPRESSORANORDNUNG DAMIT

Title (fr)  
APPAREIL D'INJECTION DE LIQUIDE ET ENSEMBLE COMPRESSEUR LE COMPRENANT

Publication  
**EP 3242003 A2 20171108 (EN)**

Application  
**EP 17168343 A 20170427**

Priority  
IN 201641015301 A 20160503

Abstract (en)  
A liquid injection apparatus for use with a compressor 108 having a rotor shaft 128 and a casing part 122 is provided. The liquid injection apparatus 146 includes at least one conduit and at least one nozzle coupled to the conduit(s). The liquid injection apparatus is panel-shaped and has a first panel segment, a second panel segment, and at least one of: a passage defined between the first panel segment and the second panel segment, the passage sized to receive at least one of the rotor shaft and the casing part; and a third panel segment positioned between the first panel segment and the second panel segment. The third panel segment is at least in part detachable from the first panel segment and/or the second panel segment for receiving at least one of the rotor shaft and the casing part between the first panel segment and the second panel segment.

IPC 8 full level  
**F02C 3/30** (2006.01); **F02C 7/04** (2006.01); **F02C 7/143** (2006.01)

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**F01D 25/24** (2013.01 - KR); **F01D 25/285** (2013.01 - KR); **F02C 3/30** (2013.01 - CN EP KR US); **F02C 6/04** (2013.01 - KR); **F02C 7/04** (2013.01 - EP US); **F02C 7/1435** (2013.01 - EP US); **F04C 29/02** (2013.01 - US); **F04C 29/04** (2013.01 - US); **F04C 29/12** (2013.01 - US); **F05D 2230/51** (2013.01 - EP US)

Cited by  
FR3065993A1; WO2018202993A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 17168343 A 20170427**; CN 201710307539 A 20170503; JP 2017086737 A 20170426; KR 20170055353 A 20170428; US 201715584558 A 20170502; US 202016883536 A 20200526